

Chapter 12. Bibliography

The technical supporting reports prepared during Phases I and II of the CALFED process represent the primary source material used in preparing the March 1998 Draft Programmatic EIS/EIR. Bibliographic references for the following resource areas can be found in these technical supporting documents, which contain supporting analysis for the information provided in the March 1998 Draft Programmatic EIS/EIR. Since the Program alternatives described in this report incorporate elements of the alternatives presented in the March 1998 Draft Programmatic EIS/EIR and the impacts are similar, information in the technical reports was verified and used in these analyses as well.

- Agricultural Resources
- Cultural Resources
- Fisheries and Aquatic Ecosystem
- Flood Control
- Geology and Soils
- Groundwater Resources
- Power Production and Energy
- Recreation Resources
- Regional Economics
- Surface Water Resources
- Urban Resources
- Vegetation and Wildlife Resources
- Water Quality

Bibliographic references for source material for the following resource areas utilized during the preparation of this draft can be found below.

- Agricultural Resources
- Air Quality
- Environmental Justice
- Noise
- Public Health and Environmental Hazards
- San Felipe Service Area
- Transportation
- Trinity EIS



- Visual Resources
- Water Quality

Agricultural Resources

Farmland Conversion Report, 1994 to 1996. 1998. California Department of Conservation. June.

Proposed North Delta Wildlife Refuge, Planning Update No. 3. 1998. U.S. Fish and Wildlife Service. October.

From <http://ceres.ca.gov/planning/genplan/index.html> and
<http://elib.cs.berkeley.edu/cgi-bin:>

Yolo County General Plan - July 1983.

Solano County General Plan Land Use and Circulation Element - July 1995.

Sacramento County General Plan Agriculture Element - May 1997.

Contra Costa County General Plan - July 1996.

San Joaquin County General Plan 2010: Vol. 1, Policies and Implementation.

Air Quality

California Air Resources Board. 1997. Maps and Tables of the Area Designations for State and National Ambient Air Quality Standards and Expected Peak Day Concentrations and Designation Values. Technical Support Division. January.

_____. 1995a. Air Quality Indicators for 1981 to 1993 to Report Progress in Attaining the State Ambient Air Quality Standards for Ozone, Carbon Monoxide, and Nitrogen Dioxide. Technical Support Division. September.

_____. 1995b. Emission Inventory. Technical Support Division. June.

_____. 1984. California Surface Wind Climatology. Aerometric Data Division. June.

National Climatic Data Center. 1992. Monthly Station Normals of Temperature, Precipitation, and Heating and Cooling Degree Days, 1961-1990. National Oceanic and Atmospheric Administration. January.



Environmental Justice

State of California, Department of Finance. 1998. California Demographics, Data Files. URL: <http://www.dof.ca.gov/html/Demograph/druhpar.html>. November.

Noise

Barry, T. M. and Reagan, J. A. 1978. FHWA Highway Traffic Noise Prediction Model, Report Number FHWA-RD-77-108, by Federal Highway Administration. Washington, D.C.

Beranek, Leo L. (ed.) 1971. Noise and Vibration Control. McGraw-Hill, Inc. New York, NY.

Beranek, L.L. and I.L. Ver (eds.) 1992. Noise and Vibration Control Engineering. John Wiley & Sons, Inc. New York, NY.

Bolt, Beranek, and Newman, Inc. 1973. Fundamentals and Abatement of Highway Traffic Noise. U.S. Department of Transportation Contract Number DOT-FH-11-7976, Office of Environmental Policy, Federal Highway Administration.

_____. 1971. Noise from Construction Equipment and Operations, Building Equipment, and Home Appliances, prepared for the U.S. Environmental Protection Agency, Washington, D.C. December.

California Department of Health Services. 1974. Guidelines for the Preparation of Noise Elements of the General Plan. Berkeley, CA.

Carver, B. 1978. Planning in the Noise Environment. Air Force Contract F49642-74-90035. Department of Defense. U.S.G.P.O. Washington, D.C.

Diel, George M. 1973. Machinery Acoustics. Jon Wiley & Sons, Inc. New York, NY.

Greene, R.E. 1993. Draft Environmental Impact Report/Environmental Assessment, Central Pool Augmentation and Water Quality Project. Report No. 1059, Noise Section 4, p. 40,272. Metropolitan Water District of Southern California and U.S. Forest Service, Los Angeles, CA. July.

Harris, Cyril M. (ed.) 1979. Handbook of Noise Control. Second Edition. McGraw-Hill, Inc., New York, NY.

_____. 1991. Handbook of Acoustical Measurements and Noise Control. Third Edition. McGraw-Hill, Inc. New York, NY.



Hassall, J.R. and K. Zaveri. 1988. Acoustic Noise Measurements. Fifth Edition. Bruel and Kjaer Instruments, Inc. Copenhagen, Denmark.

Peterson, A.P.G. and E. Gross, Jr. 1972. Handbook of Noise Measurement. Seventh Edition. General Radio Company. Concord, MA.

Southern California Edison Company. 1974. Transmission Environmental Guide.

U.S. Department of Transportation, Federal Highway Administration, Office of Environmental Policy, Noise and Air Analysis Division. 1995. Highway Traffic Noise Analysis and Abatement. Washington, D.C. June.

U.S. Environmental Protection Agency by National Academy of Sciences. 1977.

Public Health and Environmental Hazards

Brown, David. 1998. Sacramento-Yolo Mosquito and Vector Control District. Personal Communication. Wetland Development and Management Guidelines for the Control of Mosquitoes. November.

California Wetlands Information System. 1998. Montezuma Wetlands Project.
URL: <http://ceres.ca.gov/wetlands/projects/montezuma.html>. November.

———. 1998. Yolo Basin Wetlands.
URL: <http://ceres.ca.gov/wetlands/projects.yolo.html>. November.

Central Valley Project Improvement Act - Programmatic Environmental Impact Statement. 1997. DRAFT Technical Appendix, Public Health: Mosquitoes. March.

Contra Costa Mosquito and Vector Control District. 1998. Mosquitofish.
URL: <http://www.ccmvcd.dst.ca.us/mfish.html>. November.

Ecosystem Restoration Program Plan - Executive Summary and Tables Working Draft. 1997. CALFED Bay-Delta Program. April.

Facility Descriptions and Updated Cost Estimates for Thomes-Newville Reservoir Project. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. March.

Facility Descriptions and Updated Cost Estimates for Shasta Lake Enlargement. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. February.



- Facility Descriptions and Updated Cost Estimates for Lake Berryessa Enlargement. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. March.
- Facility Descriptions and Updated Cost Estimates for Cottonwood Creek Reservoir Complex. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. March.
- Facility Descriptions and Updated Cost Estimates for Tehama-Colusa Canal Extension. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. April.
- Impact Significance Thresholds Report – DRAFT, Initial Review Draft Report. 1996. CALFED Bay-Delta Program. August.
- Mosquito and Vector Control Agencies of California. 1998.
URL: <http://mosquito.lanminds.com/directory/list.html>. November.
- National Aeronautics and Space Administration (NASA). 1998. Live Sciences Division, Global Monitoring and Human Health. California Rice Field Mosquitoes. URL: <http://geo.arc.nasa.gov/sge/health/gmhh/carice.html>. November.
- Phase II Alternative Descriptions. 1997. CALFED Bay-Delta Program, DRAFT. May.
- Project Descriptions and Updated Cost Estimates for the Red Bank Project. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. April.
- Project Descriptions and Updated Cost Estimates for Sites/Colusa Reservoir Project. 1997. Prepared by the CALFED Storage and Conveyance Refinement Team. April.
- State of California, Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 1998. Fact Sheets on Specific Closing Bases (Mather Air Force Base, McClellan Air Force Base, Sacramento Army Depot). URL: <http://www.dtsc.ca.gov/smp/txsmfscb.html>. November.
- Selected Public Health Concerns in the Delta Regions. 1996. CALFED Bay-Delta Program, DRAFT Affected Environmental Technical Report. September.
- Summary of Common Programs – DRAFT. 1997. Appendix B, CALFED Bay-Delta Program. April.



University of California, Davis. 1998. Statewide integrated Pest Management Project. UC Pest Management Guidelines, Mosquitoes Home and Landscape (updated February 1998).

URL: <http://www.ipm.ucdavis.edu/PMG/PESTNOTES/pn7451.html>.
November.

U.S. Army Corps of Engineers. 1998. Long-Term Management Strategy for Bay Area Dredged Material, Final Environmental Impact Statement/Environmental Impact Report. URL: <http://www.spn.usace.army.mil/ltms/>. November.

U.S. Environmental Protection Agency. 1998. San Francisco Estuary Project (SFEP). Comprehensive Conservation and Management Plan for San Francisco Estuary. Chapter 3, Action Plan, Dredging and Waterway Modification; Action Plan, Pollution Prevention and Reduction.

URL: <http://www.abag.ca.gov/bayarea/sfep/reports/ccmp/index.html>.
November.

———. 1998. Comprehensive Conservation and Management Plan for San Francisco Estuary. Chapter 5, Policy-Level Mitigation Measures and Alternatives Development. URL: <http://www.abag.ca.gov/bayarea/sfep/reports/ccmp/index.html>. November.

San Felipe Service Area

King, Thomas and Patricia Hackman. 1973. The Southern Santa Clara Valley: A General Plan for Archeology. Archeological Impact Evaluation: San Felipe Division, Central Valley Project. Unpublished manuscript on file at the Mid-Pacific Region, Sacramento, California.

Transportation

Donley, Michael W., Stuart Allan, Patricia Caro, and Clyde P. Patton. 1979. Atlas of California.

California Department of Transportation. 1994. Traffic Volumes on California State Highways. State of California Business, Transportation and Housing Agency. Division of Traffic Operations. Sacramento, CA.

CH2M Hill. 1997. Working Tables - Ecosystem Restoration Program Plan; Programmatic Actions; Storage and Conveyance Alternatives. May.



Trinity EIS

U.S. Fish and Wildlife Service. 1998. Trinity River Mainstem Fishery Restoration, Environmental Impact Statement/Report. Prepared by CH2M Hill. Unpublished document.

Nawi, David. 1995. Memo: Certain Legal Rights and Obligations Related to the U.S. Bureau of Reclamation, Klamath Project for Use in Preparation of the Klamath Project Operation Plan. To Regional Director, Bureau of Reclamation, Mid-Pacific Region From the Regional Solicitor, Pacific Southwest Region. July.

Visual Resources

East Bay Regional Park District. 1996. Draft Master Plan. Oakland, CA.

California Department of Transportation. 1992. California State and County Scenic Highways. Sacramento, CA.

California State Parks Guide. 1986. Olympus Press. Santa Barbara, CA.

Jones & Stokes Associates. 1996. Visual/Aesthetic Resources in the Delta Region. Draft Affected Environment Technical Report, CALFED Bay-Delta Program, Sacramento, CA.

Suisun Resource Conservation District. 1980. The Suisun Marsh Management Program. December. Suisun City, CA.

U.S. Forest Service. 1973. Visual Resource Management Guides. Visual Quality Standard Determination and Application - California Region. General Printing Office. Washington, DC.

_____. 1976. National Forest Landscape Management.

Water Quality

Alpers, C.N., H.E. Taylor, and J.L. Domagalski. 1999. Metal Transport in the Sacramento River, California, Part I. Methods and Results, U.S. Geological Survey Open File Report (in review). Draft Report, 462 pp.

Alpers, C.N., R.C. Anweiler, H.E. Taylor, P.D. Dilcanis, and J.L. Domagalski. 1999. Metal Transport in the Sacramento River, California. Part 2. Interpretation of Metal Loads, U.S. Geological Survey, Water Resources Investigations Reports. (in review). Draft Report, 120 pp.



- Bouse, R.M., M.I. Hornberger and S.M. Luoma. 1996. Sr and Nd Isotopic Compositions and Trace Element Concentrations in San Francisco Bay Cores Distinguish Sediment Deposited from Hydraulic Gold Mining and Mercury Mining (abstract). EOS (Transactions, American Geophysical Union), V. 77, Fall Meeting Supplement, p. 201.
- CALFED Bay-Delta Program. 1998a. Draft Programmatic EIS/EIR. March.
- _____. 1998b. Revised Phase II Report. December.
- _____. 1998c. Bay-Delta Drinking Water Quality: Bromide Ion and Formation of Brominated Disinfection-By-Products (DBPs), prepared by Gary Amy et al. November.
- _____. 1998d. Revised Water Quality Program Appendix (Draft). December.
- California Department of Water Resources. 1998. California State Water Project Coordinated Pathogen Monitoring Program (Draft). December.
- _____. 1996. Water Quality Conditions in the Sacramento-San Joaquin Delta from 1970 to 1993. Report to the State Water Resources Control Board In Accordance with Water Rights Decision 1485, Order 4(f). December.
- _____. 1995a. Estimation of Delta Island Diversions and Return Flows, Division of Planning. February.
- _____. 1995b. Representative Delta Island Return Flow Quality for Use in DSM2 (Memorandum Report, Division of Planning). May.
- California Department of Water Resources. 1994. Five-Year Report of Municipal Water Quality Investigations Program: Summary and Findings during Five Dry Years: January 1987 - December 1991. November.
- California Urban Water Agencies. 1995. Annual Report of Activities for 1995.
- Central Valley Regional Water Quality Control Board (CVRWQCB). 1988. A Mass Loading Assessment of Major Point and Non-Point Sources Discharging to Surface Waters in the Central Valley, California, 1985. Standards, Policies, and Special Studies Section, Draft Staff Report authored by Barry Montoya, F. Blatt, and G. Harris. October.
- Jung, Marvin and Q. Tran. 1998. Candidate Delta Regions for Treatment to Reduce Organic Carbon Loads (Draft), Consultant's Report to DWR MWQI Program, MWQI-CR#2. September.



- Domalgalski, Joseph. 1996. Pesticides and Pesticide Degradation Products in Stormwater Runoff: Sacramento River Basin, California, Journal of American Water Resources Association, Vol 32., No. 5. October.
- Domalgalski, J.L. 1999. Occurrence and Transport of Total Mercury and Methyl Mercury in the Sacramento River Basin, California, Journal of Geochemical Exploration (in press).
- Foe, Chris. 1995. Insecticide Concentrations and Invertebrate Bioassay Mortality in Agricultural Return Water from the San Joaquin Basin, Central Valley Regional Water Quality Control Board. December.
- Fox, J. Phyllis and E. Archibald. 1996. Aquatic Toxicity and Pesticides in Surface Waters of the Central Valley, prepared for California Urban Water Agencies (CUWA). July.
- Grober, L. F. 1999. Historical Flow, Boron, and Salinity Data for San Joaquin River Basin Sites. California Regional Water Quality Control Board, Central Valley Region Report (Draft).
- Hornberger, M.I., S.N. Luoma, A. van Geen, C. Fuller, and R. Anima. 1999. Historical Trends of Metals in the Sediments of San Francisco Bay, California, Journal of Marine Chemistry (in press).
- Krasner, S. et al. 1994. Quality Degradation: Implication of DBP Formation, Journal of AWWA, 86:6:43.
- Larry Walker & Associates. 1997. Sacramento River Watershed Mercury Control Planning Project - Final Report for the Sacramento Regional County Sanitation District. March.
- The Metropolitan Water District of Southern California and U.S. Bureau of Reclamation. 1997. Salinity Management Study, Phase 1 Progress Report. February.
- San Francisco Estuary Institute. 1997. Regional Monitoring Program for Trace Substances: 1996 Annual Report. December.
- San Joaquin Valley Drainage Program. 1990. A Management Plan for Agricultural Subsurface Drainage and Related Problems on the Westside San Joaquin Valley, Final Report. September.
- Slotten, D.G., S.M. Ayers, J.E. Reuter and C.R. Goldman. 1997. Gold Mining Impacts on Food Chain Mercury in Northwestern Sierra Nevada Streams (1997 Revision), Unpublished Report. Sacramento River Watershed Mercury Control Planning



Project, University of California, Davis, Division of Environmental Studies. Final Report for the Sacramento Regional County Sanitation District. March. 74 pp.

Standard Methods for the Examination of Water and Wastewater. 1989. American Public Health Association, 17th edition.

ADDITIONAL DOCUMENTS

Additional key documents were used during the development of the March 1998 Draft Programmatic EIS/EIR and were listed in that document's bibliography. Because this document incorporates information from the March 1998 Draft Programmatic EIS/EIR, this list is repeated here.

Programs and Plans

Anadromous Fish Restoration Program.

Comprehensive Conservation Management Plan for the Bay-Delta Estuary, U.S. Environmental Protection Agency.

Central Valley Regional Water Quality Control Board Plan. 1994. Central Valley Regional Water Quality Control Board.

Delta Plan. 1991. State Water Resources Control Board.

Ecosystem Restoration Program Plan. 1997. CALFED Bay-Delta Program. Volumes I and II.

Interagency Ecological Program.

Native Fisheries Recovery Plan.

Sacramento River 1086 Plan.

Striped Bass Recovery Plan.

Vernalis Adaptive Management Plan. U.S. Bureau of Reclamation/U.S. Fish and Wildlife Service.



Regulations

Archeological and Historical Preservation Act.

Area of Origin Law.

Bay-Delta Framework Agreement.

California Endangered Species Act.

California Environmental Quality Act.

California Surface Water Treatment Regulations, 1998. Title 22 California Code of Regulations.

California Total Coliform Regulations. Title 22, Chapter 15, California Code of Regulations.

California Water Code.

Central Valley Project Improvement Act. 1992. Reclamation Projects Authorization and Adjustment Act of 1992 (Public Law 102-575), Title XXXIV. October.

Clean Water Act.

Coastal Zone Management Act.

Council on Environmental Quality. Guidelines for Implementing NEPA and CEQA Guidelines.

Delta Protection Act.

Energy and Water Development Appropriations Bill. 1998.

Enhanced Surface Water Treatment Rule. 1995. U.S. Environmental Protection Agency. Amendment to Surface Water Treatment Rule.

Executive Order 11988, Floodplain Management.

Executive Order 11990, Protection of Wetlands.

Executive Order 12898, Environmental Justice in Minority and Low-Income Populations.

Farmland Protection Policy Act.



Federal Agriculture Improvement and Reform Act of 1996.

Federal Ecosystem Directorate and the Governor's Water Policy Council of the State of California. 1994.

Federal Endangered Species Act of 1973.

Federal Public Law 87-874.

Federal Total Coliform Rule. 1990.

Food Security Act of 1985.

Lead and Copper Rule. 1991. U.S. Environmental Protection Agency. (56 FR 26460.)

National Environmental Policy Act.

National Fish and Wildlife Coordination Act.

National Guidance on Water Quality Criteria, Clean Water Act, Section 304(a).

National Historic Preservation Act.

National Primary Drinking Water Standards.

National Secondary Drinking Water Regulations. 1979. U.S. Environmental Protection Agency.

Proposed Draft Disinfectant/Disinfection By-Products Rule. 1994.
U.S. Environmental Protection Agency.

Reclamation Act of 1939.

Safe Drinking Water Act, Public Law 99-399. 1974.

Suisun Marsh Preservation and Restoration Act of 1979.

Surface Water Treatment Rule. 1989. U.S. Environmental Protection Agency. June.

Reports

CALFED Water Quality Action Team. 1997. CALFED Water Quality Loading Analysis Prepared for CALFED Bay-Delta Program. January.



- CALFED. 1996a. Phase I, Final Documentation Report. September.
- _____. 1996b. Draft Appendices Phase I Summary Report. June.
- Council of Environmental Quality. Draft Guidance Regarding Consideration of Global Climatic Change in NEPA Documents.
- Draft American River Watershed Project Supplemental EIS. 1995. August.
- Draft CVPIA Programmatic EIS. 1997. November.
- Draft EIR/EIS for the Supplemental Water Supply Project.
- Draft EIR/EIS for the Interim South Delta Project. 1996.
- Draft EIR/EIS for the Montezuma Wetlands Project.
- Governor's Flood Emergency Action Team Report. 1997.
- Notice of Intent to Prepare an EIS for the Contra Costa Water District Multi-Purpose Pipeline Project. 1997.
- Programmatic EIR, Phases II-V, Sacramento River Flood Control System Evaluation. 1991. Sacramento Water Forum. Draft Recommendations for a Water Forum Agreement. January.
- State Water Resources Control Board. 1995. Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta.
- U.S. Bureau of Census.
URL: <http://venus.census.gov/cdrom/lookup/CD=LIST/DB=C90STF3A/>.
- U.S. Council on Environmental Quality. Memorandum on Farmland Preservation.
- U.S. Department of Agriculture, Forest Service. 1973. Visual Management System.
- U.S. Environmental Protection Agency/U.S. Army Corps of Engineers/U.S. Geological Survey. Long-Term Dredge Disposal Study.
- U.S. Fish and Wildlife Service. Trinity River Studies.

Program Descriptions

- Phase I, Final Documentation Report. 1996. September.



Draft Appendices Phase I Summary Report. 1996. June.

California Regional Water Quality Control Board. 1995.

California Regional Water Quality Control Board. 1996.

Parameter Assessment Team Input. 1997. April.

California State Water Resources Control Board. 1989.

Affected Environment and Environmental Impacts Draft Technical Report
(Table 3.2). 1997. September.

Other CEQA/NEPA Topics

CALFED. 1996a. No Action Alternative and Cumulative Impact Analysis Screening
Report. September.

_____. 1996b. Phase I Final Report. September.

California Department of Water Resources and U.S. Bureau of Reclamation. 1990.
South Delta Water Management Program Draft EIR/EIS. June.

_____. 1996. Interim South Delta Program Draft EIR/EIS. July.

_____. 1994. California Water Plan Update. October.

California State Water Resources Control Board and U.S. Army Corps of Engineers.
1995. Delta Wetlands Project Draft EIR/EIS. September.

Council on Environmental Quality. 1997. Considering Cumulative Effects under the
National Environmental Policy Act. December.

East Bay Municipal Utility District. 1995. Raise Pardee Dam and Associated
Improvements, Request for Qualifications. December.

_____. 1994. Folsom South Canal Connection Project, California Environmental
Quality Act Initial Study. January.

_____. 1993. Updated Water Supply and Management Program, Final EIR.
September.



- Glenn-Colusa Irrigation District, California Department of Fish and Game, U.S. Army Corps of Engineers, and U.S. Bureau of Reclamation. 1997. Hamilton City Pumping Plant Fish Screen Improvement Project Draft. October.
- U.S. Army Corps of Engineers, The Reclamation Board, and the Sacramento Area Flood Control Agency. 1995. American River Watershed Project Draft Supplemental EIS/EIR. August.
- U.S. Army Corps of Engineers and Solano County Department of Environmental Management. 1994. Montezuma Wetlands Project Draft EIR/EIS. October.
- U.S. Bureau of Reclamation. 1997. Federal Register Notice of Intent to Prepare an Environmental Impact Statement/Environmental Impact Report on the East Bay Municipal District's Supplemental Water Supply Project. May.
- _____. 1995. Central Valley Improvement Act Response to Comments Report #4.
- _____. 1994. Federal Register Notice of Intent to Prepare an Environmental Impact Statement on the Red Bluff Diversion Dam Fish Passage Program. August.
- _____. 1993. Central Valley Project Improvement Act, Phase I Scoping Report. May.
- U.S. Bureau of Reclamation and Sacramento Metropolitan Water Authority. 1996. American River Water Resources Investigation Draft EIS/EIR. February.
- Vladimir and Olem, Harvey. 1994. Water Quality; Prevention, Identification, and Management of Diffuse Pollution.
- Water Forum. 1997. Draft Recommendations for the Water Forum Agreements. January.



